

SLECHTA, M.

Carrying out the tasks established by the resolutions of the Central Committee
of the Communist Party of Czechoslovakia. p. 1.

Vol. 4, no. 1, Jan. 1956
POZEMNI SLOVY
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 3, August 1956

SLECHTA, E.; RAJSKY, L.

Proclamation of the Minister of the Building
Industry and the Central Committee of Building
Industry Workers. p. 121. STAVIVO. (Ministertvo
stavebnictvi) Praha. Vol. 34, no. 4, April 1956.

SOURCE: East European Accessions List, (EEAL),
Library of Congress. Vol. 12,
December 1956.

SLECHTA, F.

SLECHTA, F. Work control. p. 22.

Vol. 10, No. 9, Sept. 1956.

ROLNICKE HLASY

AGRICULTURE

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 2, Feb. 1957

SLECHTA, J.

"Drawing in projected objects on photographs", P. 321., (SBOHRNIK
TRANSACTIONS, Vol. 79, No. 4, Dec. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, VOL. 4,
No. 6, June 1955, Uncl.

Slechta, J.

*✓ Biosynthesis of allylthiomethyl-penicillin. P. Palekova
and J. Slechta (Vys. istrav. a mhd., Roztoky Prague).
Prstis 28, 98-9 (1959). — The conditions of fermentation of
allylthiomethyl-penicillin (C-penicillin) were studied. Best
results were obtained by using the strain *Penicillium chrysop-
agnum* Q 178 or the nonpigment-producing strain 47-1664/53
growing in the medium contg. 2% corn-steep liquor, 2%
lactose, 0.2% CaCO₃, and 0.04% fresh distd. allylthioacetic
acid or Na allylthioacetate. For the pilot fermentation the
amt. of corn-steep liquor and lactose were reduced.*

K. Macek

COUNTRY : Czechoslovakia H-17
CATEGORY :
ABS. JOUR. : RZKhim., no. 21 1959, No. 7577
AUTHOR : Sixyan, E., Herold, M., Slechta, J., and Zajicek, J.
CITY : Not given
TITLE : Study of the Technology of Submerged Fermentation
CRIG. PUB. : Kvasny Prumysl, 4, No 12, 275-278 (1958)
ABSTRACT : A description (with sketches) of laboratory fermenters and of auxiliary equipment is given and methods of using the equipment described which have led to good results in the development of processes for the production of several antibiotics (benzylpenicillin, phenoxy penicillin, streptomycin, chlorotetracycline, hydroxytetracycline, erythromycin, and fungicidine) are discussed.
From authors' summary

CaRD: 1/1

SLECHTA, Josef

Problems of enterprise material incentives of railroads.
Doprava 7 no.1:41-46 '65.

Z/040/61/000/003/003/003
A205/A126

AUTHOR: Šlechta, Jar., Engineer, Bearer of the Medal of Labor

TITLE: What will be the development of air transportation until the year
2000

PERIODICAL: Letecký obzor, no. 3, 1961, 91

TEXT: The author predicts a general improvement of air transportation till the year 2000, but still, there will be no substantial changes as compared to the present state. Flight speeds, for instance, could be increased; however, most aircrafts will fly at altitudes where aerodynamic laws apply, and increased speeds will always be connected with higher fuel costs. The author, therefore, anticipates that large aircraft (above 200 seats) will not exceed supersonic speeds, and that smaller aircraft will still fly far below sonic speeds. An exception, of course, will be military aircraft which are not designed with a view to economy. A possibility to achieve higher economy of an aircraft is to improve the operational efficiency, i.e., the ratio between payload and total aircraft weight. However, it can be expected that much of the weight saved by improved designs, use of lightweight metal, lightweight, high calorific fuels, etc., will

Card 1/2

SLECHTA, Jaroslav, prof., inz. dr. DrSc.

Calculation of flat shell constructions by the method of nets.
Acta techn Cz 8 no.5:441-451 '63.

1. Tschechische Technische Hochschule, Praha 2 - Nove Mesto,
Karlovo namesti 17.

S/282/63/000/002/004/005
A059/A126

AUTHORS: Chytráček, Jaroslav, Šlechta, Jiří

TITLE: Apparatus for measuring the refrigerating effect

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 47. Khimicheskoye i kholograficheskoye mashinostroyeniye, no. 2, 1963, 49, abstract 2.47.274 P (Czech. pat., cl. 17a, 4/03, no. 99874, June 15, 1961)

TEXT: A device for the determination of the efficiency of refrigerators and of the automatic control of their operation is suggested. The block diagram of the apparatus consists of analog elements incorporating potentiometers, sensing elements and constant resistances assembled to cascades the individual steps of which are separated from each other by cathode repeaters. The cascades measure with the aid of appropriate sensing elements the consumption, temperature, and pressure of the coolant before and after evaporation. The performance of the refrigerators is automatically calculated in the block diagram, and is indicated or recorded with the corresponding device. The operation of the apparatus was based on the mathematical dependence: $Q = G(i_2 - i_1)$, where Q is the

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S/282/63/000/002/004/005
A059/A126

Apparatus for measuring the refrigerating effect

performance of the refrigerator, G the consumption of the coolant, i_1 and i_2 are the enthalpies corresponding to the coolant before and after the evaporator, respectively, at the temperatures t_1 and t_2 and the pressures P_1 and P_2 . There is 1 figure.

P. Polokhin

[Abstracter's note: Complete translation]

Card 2/2

SLECHTA, Josef

Problem of foreign exchange management by railroads. Doprava
6 no.6:404-407 '64.

SLECHTA, Josef

Socialist principles in transportation management. Doprava
no.10:329-332 '62.

SLECHTA, Josef

Analysis of the Czechoslovak railroad operations and the comparison
with those in most developed countries. Doprava no.1:21-28 '63.

SLECHTA, Josef

Problems of rational management and administration of railroads. Doprava no. 5:327-333 '63

L 33987-66 T/EWP(t)/ETI IJP(c) JD/CG

SOURCE CODE: CZ/0037/66/000/001/0001/0005

ACC NR: AP6025475

AUTHOR: Slochta, Jiri

ORG: Mathematics and Physics Faculty, Charles University, Prague (Matematicko-gysikalni fakulta Karlova universita)

TITLE: Application of the theory of weighted representations to group analysis of wave functions of AIN crystals

SOURCE: Ceskoslovensky casopis pro fysiku, no. 1, 1966, 1-5

TOPIC TAGS: crystal, crystal analysis

ABSTRACT: The advantage of using the theory of weighted representations is demonstrated on the example of AIN. The article briefly reviews the results of the general theory of weighted representations which are important for its application and gives a fairly detailed application of the theory to a specific space group. Important advantages of weighted representations for group analysis of non-symmorphous space groups in comparison with some other methods are pointed out. The author thanks Doctor M. Trifaj for his suggestions and assistance with the work. Orig. art. has: 2 figures, 6 formulas and 2 tables. [Based on author's Eng. abst.] JPRS: 35,386

SUB CODE: 20 / SUBM DATE: 03Feb65 / SOV REF: 001 / OTH REF: 003

Card 1/1

0916 0852

SLECHTA, LIBOR

Chemical Abst.
Vol. 48
Apr. 10, 1954
Biological Chemistry

(3)

Stoichiometric relations in the synthesis of fats from glucose and acetic acid in *Rhodotorula gracilis*. Libor Slezcta and Jan Škoda (Vysoká škola chem., Prague, Czech). Chem. Listy 47, 1394-1400 (1953).—Optimum pH for the assimilation of AcOH and glucose (I) by *Rhodotorula gracilis* lies between 6.2 and 6.5. No assimilation of AcOH occurs at pH below 5. Respiratory quotients calcd. from the stoichiometric equations agree with those found by expts. (detd. in the Warburg app.). With increasing intensity of fat formation, the respiratory quotient increases whereas the metabolic quotient decreases. After the initial drop of mol. wt. of the fatty acids, the length of the acid chains increases in the course of cultivation.

M. Hudlický

SLECHTA, LIBOR

CZECH

1. Metabolism of glucose in *Rhodotorula gracilis*. I:
Effect of enzyme inhibitors. Arnost Kleinzeller and Libor
Slechta (Vysoká Škola Chem., Prague, Czech.). *Chem.*
Lett 1954, 602-6 (1954).—A comparison of the consumption of
glucose by *R. gracilis* under aerobic and anaerobic conditions
shows that no glucose is metabolized in the absence of air.
Aerobic metabolism is only partly inhibited by the glycolysis
inhibitors, by $\text{CH}_3\text{CO}_2\text{H}$, and by NaF . This inhibition is
reversible and is related to the respiratory quotient. II:
Phosphorylated intermediates. Libor Slechta. *Ibid.* 607-
17.—Fractionation of phosphorylated products extd. by
 $\text{CCl}_4\text{CO}_2\text{H}$ from *R. gracilis* was carried out according to
Umbricht (cf. LePage and U., *J.A.C.S.* 37, 3469). Chem. meth-
ods were unsuccessful in detecting the presence of hexose-
phosphate in the ext. However, the presence of hexose-
phosphate in the ext. from yeast cultivated on glucose and
inorg. substrate config. radioactive P^{32} was established by an
inactive carrier method. M. Huclík

GRUCITA, I.

"Metalism of Glucose in the Ferment of Rhodotorula Gracilis. II.
"Aerospheroplated Intermediate Products", p. 607, TOPSHEET LIST, Vol. 12,
No. 4, April 1954, Praha, Czech.)

SC: Monthly List of East European Accessions (EAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

SLECHTA LIBOR

C Z E C II

Virus. IV. Purification of Rous sarcoma virus by differential centrifugation. Libor Slezta, Alexander Jakubovik, and Frantisek Sorm (Czech. Acad. Sci., Prague). *Chem. Listy* 48, 1840-3 (1964); cf. *ibid.* 800.—Differential centrifugation of ext. from Rous hen sarcoma yielded a fraction contg. 0.27% of the total N content of the ext. and was identified as the microsome fraction by means of electronic microscopy. L.D.₅₀ of the fraction based on the N content was 250 times as high as L.D.₅₀ of the starting ext. V. Effect of adenosine, adenylic acid, adenosine triphosphate, and guanylic acid on the growth of Rous sarcoma. A. Jakubovik, L. Slezta, and F. Sorm. *Ibid.* 1876-7.—Adenosine, adenosinetriphosphate, adenylic acid, and guanylic acid, especially the last two compds., are stimulants for the growth of Rous sarcoma. M. Hudlicky.

(2)

Slechta, L.

Rev ✓ The nature of the endogenous substrate in Ehrlich ascites tumor. L. Šlechta, A. Jukuhovič, and P. Šorm (Czech. Acad. Sci., Prague). *Congr. intern. biochim. Résumés communs., 3^e Congr., Brussels 1955*, 128 (in English); cf. *C.A.* 49, 5645d.—Another paper (cf. *C.A.* 49, 10493d) is supplemented. The respiratory quotient (RQ) for endogenous respiration was detd. in Ehrlich ascites tumor cells with and without glucose and with and without iodoacetic acid or α -glyceraldehyde (inhibitors of carbohydrate metabolism). In all cases the respiration and RQ were nearly identical. Apparently the endogenous substrate is lipide. Changes in the fat content, and the fact that the cells contain no glycogen furnish further proof that lipides not carbohydrates are the substrate. *W. C. Tobie*

3

SLECHTA, L.

✓ Metabolism of neoplastic tissues. I. Glucose metabolism
in Ehrlich ascites tumor. Lubor Slechta, Alexander Jakub
bovič, and František Šorm. *Collection Czechoslov. Chem.
Commun.*, 20, 803-0 (1965) (in German).—See C.A. 49
10493d.

E. J. C.

(2)

SLECHT, LIBOR

✓Viruses. IV. Purification of Rous sarcoma virus by differential centrifugation. Libor Šlecht, Alexander Jakubovič, and František Šorm. Collection Czechoslov. Chem. Commun. 20, 972-5(1955)(in English). V. Effect of adenosine, adenylic acid, adenosinetriphosphate, and guanylic acid on the growth of Rous sarcoma. A. Jakubovič, L. Šlecht, and F. Šorm. *Ibid.* 998-1000.—See C.A. 49, 5645d. VI. Effect of 2,4-dinitrophenol upon the biosynthesis of tobacco-mosaic virus. A. Jakubovič and L. Šlecht. *Ibid.* 978-8(in German).—See C.A. 49, 10446a.

E. J. C.

(5)

~~Stečka, Šlechta,~~ ~~Šlechta~~
SLECHTA, L.

✓ Metabolism of neoplastic tissues. I. Glucose metabolism in Ehrlich ascites tumor. Lilior Šlechta, Alexander Jakubovič, and František Sonn (Ces, univ., vln. Prague). Chem. Listy 49, 546-51 (1955).—Attempts were made to elucidate the so-called reversed Pasteur effect in the cells of the Ehrlich ascites tumor. From manometric measurements and chem. analyses it follows that the endogenous substrate of these cells is fat. Ascites cells contain no glycogen. Exogenous glucose is a substrate is advantageous as proved by thermodynamic calens, even if, in the presence of this source of energy, respiration of the ascites cells is inhibited by 50% (av.). M. Hudlický

SLECHTA, LIBOR

CZECH
✓Viruses. VI. Effect of 2,4-dinitrophenol upon the biosynthesis of tobacco-mosaic virus. Alexander Jakubovič and Libor Slezta (Čsl. akad. věd, Prague). *Chem. Listy* 49, 552-4 (1955); cf. *C.A.* 49, 6045d.—Biosynthesis of the tobacco-mosaic virus is inhibited by 2,4-dinitrophenol (I). The inhibitive effect of I lasts even when the material is removed from a $2.5 \times 10^{-4} M$ soln. of I after 3 days.
M. Hudlický

Slechta, L.

2563. Acidobutyrometric determination of fat in
fat-producing yeasts. J. Škoda and L. Slechta
(Fak. potrav. technol., Vysoká škola chemicko-
technol., Prague, Czechoslovakia). *Chem. Listy*,
1958, 48 (7), 1097.—To a mixture of H_2SO_4 (10 ml,
 d 1.810) and a suspension of fat-producing yeasts
(11 ml), contained in a dairy butyrometer cali-
brated from 0 to 6 per cent, amyl alcohol (1 ml) is
added, and the contents are well mixed and centri-
fuged. Readings are taken after the apparatus has
been kept at 60° to 65° C for 5 min. The method is
equally accurate and appreciably faster than the
extraction procedure of Kleinzeller and Škoda
(*Chem. List.*, 1950, 44, 184). G. GLASER

SLECHTA, LIBOR

Virus studies. VII. A comparative study of two strains
of the tobacco mosaic virus. Alexander Jakubovič, Libor Slezka,
Boživoj Keil, and František Šorin (Czech. Akad.
věd, Prague). *Ciem. Listy* 49, 1561-4 (1955); cf. *C.A.* 49,
10416e. —Ultraviolet spectrum, electrophoretic mobility,
and qual. and quant. content of amino acids are given for
cryst. forms of the ordinary strain and Alke-strain of the
tobacco mosaic virus. Only the Alke-strain was found to
contain histidine. Electron-microscope photographs of
both cryst. forms are given. M. Hudlický — (3)

SLEČNA IKT A HBLICK

MD ✓Metabolism of neoplastic tissues. II. Glycolysis of
cell-free extracts of the Ehrlich ascites tumor. Libor
Šlechta, Alexander Jakubovič, and František Šorm (Chem.
instav Čsl. akademie věd, Prague). *Chem. Listy* 49, 1708-9
(1955); cf. *C.A.* 49, 10493d.—A cell-free ext. prep'd. from
the Ehrlich ascites tumor glycolyzes glucose at the same rate
as intact cells but does not glycolyze glycogen. No glycogen
phosphorylase was found in the ext. The results show that
no glycogen is present in the cells of the above tumor.

M. Hudlický

(2)

SLECHTA)

The anticancerous action of 6-azauracil. F. Sorm, A. Jakubovič, and L. Slechta (Czech. Acad. Sci., Prague). *Experientia* 12, 271-2 (1956) (in English).—Treatment of mice with 250 mg./kg. 6-azauracil (3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine)/kg. body wt. daily caused a prolongation of life following injection 4×10^6 Ehrlich ascites carcinoma cells. This prolongation of life was similar to that obtained by treatment with 30 mg. 6-mercaptopurine/kg. body wt. daily.

3

ŠLECHTA, LIBOR

Metabolism of neoplastic tissues. II. Glycolysis of
cell-free extracts of the Ehrlich ascites tumor. Libor
Šlechta, Alexander Jakubovič, and František Šorm. Col-
lection Czechoslov. Chem. Commun. 21, 247(1956)(in
German).—See C.A. 50, 2025e. 3
E.I.C.

Slechta, Libor

Mex ✓ Virus studies. VII. A comparative study of two strains
of the tobacco mosaic virus. Alexander Jakubovič, Libor
Šlechta, Bohumír Keil, and František Šorin. Collection
Czechoslov. Chem. Commun. 21, 29-32 (1956) (in German).
See C.A. 50, 440e. 4
E. J. C.

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CIA-RDP86-00513R001651310019-4

SLECHTA L.

10-12-59
Siegler, 12-12-59
DARISI SIEGLER
10-12-59
man) - See #1 52

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651310019-4"

SLECHTA, LIBOR

Metabolism of neoplastic tissues. III. Effect of 2-deoxyglucose on anaerobic glycolysis in the Ehrlich ascites tumor. Libor Slechta, Alexander Jakubovic, and František Šorm (Csl. Akad. věd, Prague). *Chem. Listy* 50, 125-32 (1956); cf. *C.A.* 50, 2025e.—2-Deoxyglucose (I) inhibits glycolysis and fructolysis in the cells of the Ehrlich ascites tumor and in the cell-free ext. prep'd. therefrom. Instantaneous fructolysis occurs when the concn. ratio of fructose (II) to I is 1:0.1; glycolysis when the ratio of glucose (III) to I is 1:8. I inhibits competitively hexokinase located in the cell wall which phosphorylates III during its passage through the cell wall. II penetrates into the cell by diffusion only, contrary to glucose. Intracellular hexokinase phosphorylates I. M. Hudlický

HD

BYSHEVSKI, Vitol'd [Byszewski, Witold]; SHLEKHTA, Miroslav [Slechta, Miroslaw];
ALEKSANDROVICH, Yezhi [Aleksandrowic, Jerzy]

Studies on cooling the VVR-S reactor fuel element in
cylindrical channels and in a channel with a variable cross
section in the water loop. Nukleonika 8 no.8:507-528 '63.

1. Institut yadernikh issledovaniy, Varshava-Sverk.

PEKAREK, Vladimir; SLECHTA, Theodor; JIZERA, Zdenek

On the problem of air pollution by tars during electrolytic production of aluminum. Pracovni. lek. 11 no. 7:367-368 S '59.

1. Oddeleni hygiény prace KHM, Usti n. L.
(AIR POLLUTION)
(TARS)
(ALUMINUM)

CHYSKY, Jaromir; SLECHTA, Theodor

Hygienic protection during short-term work with radioactive Cob60.
Pracovni lek. 14 no.1:29-32 '62.

1. Ustav hygieny prace a chorob z povolani, Praha -- Krajska
hygienicko-epidemiologicka stanice, Usti n. Lab.
(COBALT radioactive) (RADIATION PROTECTION)

SLECHTA, Zdenek, inz.

Power consumption. Zelez dop tech 11 no.1:2 '63.

SLECHTOVA, Alena, inz.

New method of shaping rotation parts. Podnik organizace 16
no.11:487-489 N '62.

1. Technicko-organizacni vyzkumny ustav strojirensky.

COUNTRY : CZECHOSLOVAKIA II
CATEGORY : Chemical Technology, Chemical Products and
Their Applications. Carbohydrates and Their*
ABS. JOUR. : RZKhim., No. 23 1959, No. 83745
AUTHOR : Burianek, J. Slechtova, D.
INST. :
TITLE : Purification of Sugar Solutions by Electrodialysis with the Aid of Ionite Membranes. I-II.
ORIG. PUB. : Listy cukrovarn., 1959, 75, No 3, 62-66;
66-69
ABSTRACT : I. Described are principles of electrodialysis of the electrolytes with the use of ionite membranes, possibilities of employing this method for the purification of sugar juices, theoretical bases of purification of juices by this method and advantages in comparison with the common method employed in juice purification with ionites. In the electrodialysis of juices with ionite membranes the following are eliminated: the inversion of sucrose,
*Processing.
CARD: 1/4

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651310019-4"

CATEGORY :
ABS. JOUR. : RZKhim., No. 23 1959, No. 83745
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : Con'd employment of chemical reagents for the ionite regeneration, dilution of juices. Experimental investigations covered values of electric current used in the purification with ionite membranes of the saturated juice, green syrup and molasses of 15° Br. density as a function of the electrodialysis duration. The value of electrical charge, required for the transfer from the liquid space of the electrodializer into two neighboring spaces has been established for these products for the
CARD: 2/4

	H-26
COUNTRY	: Czechoslovakia
CATEGORY	:
ABS. JOUR.	: RZKhim, No. 5 1960, No. 19700
AUTHOR	:
INST.	:
TITLE	:
ORIG. PUB.	:
ABSTRACT	: compartments are connected in series and filled with the solution to be purified. The remaining 11 compartments are filled with distilled water. With this arrangement a successive separation of nonsugars in the juice compartments and their transfer to the corresponding water compartments takes place. The analysis of the 11 water fractions shows the order of separation of the individual nonsugars from the solution to be purified. Experiments on the purification of a dilute solution of
CARD	: 2/4

COUNTRY	:	Czechoslovakia	H-26
CATEGORY	:		
ABS. JOUR.	:	RZhKhim., No. 5 1960, No.	19700
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	that nonsugars of high molecular weight clog the membranes, thus reducing their service life and increasing the power consumption for the purification. For Communication II see RZhKhim, 1959, No 25, 83745.	Ye. Shnayder
CARD#	4/4		

SLECKI, Anatol

On the effect of some hydrodynamic factors on the course of
the deuterium exchange reaction between hydrogen in contact
with water vapor. Nukleonika 5 no.9:513-530 '60.

1. Uniwersytet Warszawski, Warszawa, Katedra Chemii Jadrowej

SŁECKI, Anatol, dr. adiunkt

On the deuterium exchange reaction between water and hydrogen.
Wiad chem 14 no.12:741-758 D '60.

J. Katedra Chemii Jadrowej, Uniwersytet, Warszawa.

LUSIS, Juris; SLEDE, Egons; GAILIS, K., kand. tekhn. nauk, retsenzent;
SILIMS, L., prepodavatel', retsenzent; VULFSONE, E., red.;
SPORANE, V., tekhn. red.

[Statics of structures] Buvstatika. Riga, Latvijas Valsts
izdevnieciba, 1961. 346 p. (MIRA 15:2)
(Structures, Theory of) (Statics)

SLEDE, Igons; VECVAGARS, Ziedonis; BINDE, Gunars; VULFSONE, E.,
red.

[Bridges] Tilti. Riga, Latvijas Valsts izd-ba, 1964.
399 p. [In Latvian] (MIRA 17:6)

SLEONEV, I. P.

KONONENKO, Aleksandr Andreyevich; SLEONEV, I.P., redaktor; MEDNIKOVA, A.N.,
tekhnicheskiy redaktor

[Atomic weapons in the military plans of the U.S.A.] Atomnoe oruzhiye
v voennnykh planakh SShA. Moskva, Voen.izd-vo M-va obor.SSSR, 1957.
(MLRA 10:9)
77 p.
(United States--Atomic warfare)

SLEZAKI, J.W.

KAPSHUKOV, Stepan Gavrilovich; ZASLAVSKIY, B.Ye., red.; PULYAKH, A.I., red.
SLEDNEV, I.P., red.; SOLOMONIK, R.L., tekhn.red.

[The struggle of the Bolshevik party for the army during the first
World War, 1914 - March 1917] Bor'ba bol'shevitskoi partii za
armiui v period Pervoi Mirovoi voiny, 1914 g. - mart 1917 g.)
Moskva, Voen. izd-vo M-va obor. SSSR, 1957. 162 p. (MIRA 11:2)
(Communist Party of the Soviet Union--Party work)
(Russia--Army)

S.I.E. March 2, 1971

SHATAGIN, Nikolay Ivanovich; PRUSANOV, Ivan Petrovich; SUDNIN, I.P.,
podpolkovnik, red.; MEDNIKOVA, A.N., tekhn.red.

[The Soviet Army is a new type of army] Sovetskaya Armia - armiya
novogo tipa. Moskva, Voen.izd-vo M-va obor. SSSR, 1957. 277 p.
(Russia--Army) (MIRA 11:2)

СОЛНЦЕВАЯ

SAMARIN, D.A.; ARKHANGEL'SKIY, V.V., redaktor; KLYKOV, A.A., redaktor;
KRUNDYSHOV, B.A., redaktor; SLEDNEV, I.P., redaktor; KHERSONSKIY,
Kh.N., redaktor; SHEYNIN, L.P., redaktor; PETROVSKAYA, Ye.K.,
redaktor; DOTSENKO, A.A., tekhnicheskij redaktor

[Anglers; an almanac] Rybolov-sportsmen; al'manakh. Moskva, Gos.
izd-vo "Fizkul'tura i sport," Vol.7. 1957. 264 p. (MLRA 10:7)
(Fishing)

SLEDNEV, I.P.

PASHIN, M.Ya.; KRIVTSOV, G.F.; SLEDNEV, I.P., podpolkovnik, red.;
MYASNIKOVA, T.F., tekhn.red.

[Privileges, pensions, and aids for servicemen and their families;
a handbook] L'goty, pensii i posobiia voennosluzhashchim i ikh
sem'iam; spravochnik. Moskva, Voen. izd-vo M-va obor. SSSR, 1958.
259 p. (MIRA 11:5)

(Pensions, Military)

ASTASHENKOV, Petr Timofeyevich; ZHUKOV, Vladimir Nikolayevich; SLEDNEV,
I.P., red.; SRIBNIS, N.V., tekhn.red.

[To new heights; talks with soldiers about technical progress
and the increase in our country's power within the seven-year
plan] K novym vysotam; besedy s voinami o tekhnicheskem progrese
i ukrepleni mogushchestva nashoi rodiny v semiletke. Moskva,
Voen.izd-vo M-va obor.SSSR, 1959. 117 p. (MIRA 12:6)
(Russia--Economic policy)

MEDVEDEV, Yefim Vasil'yevich, kand.filosof.nauk, polkovnik; MILOVIDOV,
Arseniy Stepanovich, kand.filosof.nauk, podpolkovnik; SLEDNEV,
I.P., polkovnik, red.; KRASAVINA, A.M., tekhn.red.

[Role of the masses in present-day wars] Rol' narodnykh mass v
sovremenennykh voinakh. Moskva, Voen.izd-vo M-va obor.SSSR, 1960.
83 p. (MIRA 13:10)

(War)

VOROPAYEV, Dmitriy Antipovich, kand.istor.nauk, polkovnik; IOVLEV,
Aleksey Mikhaylovich, kand.istor.nauk, polkovnik; SLEZHNEV, I.P.,
polkovnik, red.; KRASAVINA, A.M., tekhn.red.

[Struggle of the CPSU to create military cadres] Bor'ba KPSS
za sozdanie voennyykh kadrov. Izd.2., ispr. i dop. Moskva,
Voen.izd-vo M-va obor.SSSR, 1960. 241 p.

(MIRA 14:2)

(Russia--Armed forces)

PETROV, V.A.; CHEVCHENKO, A.M., general-mayor, red.; SLEDNEV, I.P.,
red.; SRIENIS, N.V., tekhn. red.

[Armed forces of NATO] Vooruzhennye sily NATO. Pod red. A.M.
Shevchenko. Moskva, Voenizdat, 1962. 109 p. (MIRA 15:8)
(North Atlantic Treaty Organization)

TRIFONENKOV, Petr Ivanovich, , kand. filosof. nauk, dots., polkovnik;
SLEDNEV, I.P., red.; CHAPAYEVA, R.I., tekhn. red.

[Basic laws governing the course and outcome of modern war-
fare] Ob osnovnykh zakonakh khoda i iskhoda sovremennoi voiny.
Moskva, Voenizdat, 1962. 116 p. (MIRA 16:1)
(War)

SLEDNEV, I., polkovnik zapasa

Insignia of rank of Czechoslovak Army soldiers. Starsh.-serzh.
no.4:16 Ap '62. (MIRA 15:4)
(Czechoslovakia--Army--Insignia)

SL FDN EV, M.S.

4007. Tests on turbo-alternators when operating under asynchronous conditions. M. S. SLEONEV. Elekt. Stantsii, 1954, No. 1, 23-9.

A series of trials are described on a number of generators ranging from 50 to 5 MW in size to test their suitability for asynchronous operation, i.e. after removal of their excitation. Readings were taken of the power fluctuation, stator current, terminal volts, reactive kVA demand from the system, rotor losses and slip under asynchronous conditions, and these are classified according to generator size and type. Test curves and oscillograms are included. The author concludes that most generators were

stable under asynchronous conditions with slips not exceeding 0.5%, capable of operating up to 4 hours at loads of 70-80% normal, with rotor losses not exceeding those corresponding to synchronous running, that a prerequisite of such satisfactory operation at any station is an adequate supply of reactive power from the line, that asynchronous running tests should be carried out under conditions approximating to those of normal operation to avoid false conclusions, and that most generators can be switched over to stand-by excitation without removal from service and with no appreciable reduction in their loads. L. MCKEEROW

SLEDNEV, M.S., inzh.

Experience in work on the conversion of turbogenerators to
operation on increased hydrogen pressure. Elek. sta. 34 no.7:
47-54 Jl '63. (MIRA 16:8)

SLEDNEV, S. M.

AID P - 1512

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 8/36

Authors : Slednev, S. M., Eng., and Shul'gin, N. V., Eng.

Title : Fault location in the excitation windings of synchronous machines

Periodical : Elek. sta., 3, 26-29, Mr 1955

Abstract : The authors describe a few simple methods of detecting a coil short and finding its location. One of these consists in fixing a magnetic clamp, another in applying a controlling coil. 6 drawings and diagrams

Institution: None

Submitted : No date

~~KNYSH, V.A.~~; SLEDYANSKIY, N.V.

Drying veneer sheets in roll dryers heated with natural gas combustion products. Bum. i der. prom. no.2:24-26 Ap-Je '63. (MIRA 17:2)

1. L'vovskiy lesotekhnicheskiy institut (for Knysh). 2. L'vovskiy farnernyy zavod (for Sledyanskiy).

SLEDYANSKIY, N.V., inzh.; STEPANYUK, V.N., inzh.

Continuous line of cooling and edging plywood. Der. prom. 12
(MIRA 1640)
no.4:24-25 Ap '63.

SLEDZEVSKAYA, I.K. (Kiyev)

Effect of penicillin on the functional state of the myocardium.
Vrach.delo no.2:129-132 F '58. (MIRA 11:3)

1. Otdel funktsional'noy diagnostiki (zav.-prof. A.A.Ayzenberg)
Ukrainskogo nauchno-issledovatel'skogo instituta klinicheskoy
meditsiny im. akad. N.D.Strazhesko.
(PENICILLIN) (HEART)

SLADZEVSKAYA, I.K.

Influence of oxygen therapy on myocardial function in patients with circulatory insufficiency as shown by electrocardiographic data. Mat.po obm.nauch.inform. no.2:135-145 '58. (MIRA 13:6)

1. Iz otdela funktsional'noy diagnostiki (zav. - prof. Ayzenberg) Ukrainskogo nauchno-issledovatel'skogo instituta klinicheskoy meditsiny.
(OXYGEN--THERAPEUTIC USE) (BLOOD--CIRCULATION, DISORDERS OF)
(HEART)

SLEDZEVSKAYA, I.K., Cand Med Sci -- (diss) "Effect of penicillin[†] and streptomycine ^{Yul'm} on the functional state of the myocardium in the treatment of various forms of endocarditis." Kiev, 1959,
14 pp (Kiev Order of Labor Red Banner Med Inst im Acadarician A.A. Boromolots) 220 copies (KL, 35-59, 117)

- 76 -

SLEDZEVSKAYA, I.K., mladshiy nauchnyy sotrudnik (Kiyev)

Influence of oxygen therapy on the heart muscle as revealed by
electrocardiography of patients with various forms of endocarditis
and circulatory insufficiency. Vrach.delo no.9:977 S '59.

(MIRA 13:2)

1. Otdel funktsional'noy diagnostiki (zaveduyushchiy - prof. A.A.
Ayzenberg) Ukrainskogo nauchno-issledovatel'skogo instituta klini-
cheskoy meditsiny im. akademika N.D. Strazhesko.
(OXYGEN--THERAPEUTIC USE) (CARDIOVASCULAR SYSTEM--DISEASES)
(ELECTROCARDIOGRAPHY)

YANOVSKIY, G.V.; SLEDZEVSKAYA, I.K.

Ballistocardiographic indexes in healthy individuals. Vrach. delo
no.12:79-82 D '60. (MIRA 14:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut Klinicheskoy
meditsiny imeni akademika N.D. Strazhesko.
(BALLISTOCARDIOGRAPHY)

SLEDZEVSKAYA, I.K., kand.med.nauk (Kiyev)

Phonocardiography in the diagnosis of valvular diseases of the heart. Vrach. delo no.1:26-31 Ja '62. (MIRA 15:2)

1. Otdel klinicheskoy revmatologii (zav. - prof. A.A.Ayzenberg)
Ukrainskogo nauchno-issledovatel'skogo instituta klinicheskoy
meditsiny imeni akademika N.D.Strazhesko.
(HEART SOUNDS) (HEART VALVE DISEASES)

43980

S/238/62/008/006/003/005
D268/D308

271230

AUTHORS: Kulykov, M.O. and Sledzevs'kaya I.K.
TITLE: Electrocardiogram analysis by electronic computer
PERIODICAL: Fiziologichnyy zhurnal, v. 8, no. 6, 1962, 803-808

TEXT: With the present-day developments in cybernetics and mathematics it is now possible to eliminate subjective errors in diagnosis by the use of mechanical devices either singly or in groups. Results are presented of the automatic analysis of electrocardiograms by electronic computer, using the 'Kiev' computer for the analysis of a single curve during 0.5 - 1 minute. The algorithm of electrocardiogram analysis provided for the introduction into the machine of an electrocardiogram section taken in the second classical lead and the automatic analysis of it giving intervals RR, PP and PQ (or PR) in seconds, the parameters of the waves PQ and the QRS complex in seconds, of waves PQ and R in mv, and the characteristics of the form of wave P. Some of the most frequent

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Electrocardiogram analysis ...

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characteristic disturbances in the rhythm are also presented from the analysis. The general principles are given for the construction of the algorithm, with the results from a detailed analysis of several electrocardiograms accompanied with data from normal analysis of the same curve. Comparison of the data obtained showed good agreement between characteristics determined automatically and the results obtained by the usual methods.

ASSOCIATION: Hrupa kibernetky Instytutu fizioloziyi im. O.O. Bohomol'tsya Akademiyi nauk URSR (Cybernetics Group, Institute of Physiology im. O.O. Bohomolets AS UkrSSR) (Kulykov, M.O.); Ukrayins'kyy naukovo-doslidnyy Instytut klinichnoyi medytsyny im. akad. M.D. Strazheska, Kyyiv (Ukrainian Scientific Research Institute of Clinical Medicine, im. M.D. Strazhesko, Kiev) (Sledzevs'ka, I.K.)

SUBMITTED: March 14, 1962

Card 2/2

MIKHNEYEV, Anatoliy L'vovich, zasl. deyatel' nauki prof.;
SLEDZEVSKAYA, Irina Kazimirovna, kand. med. nauk;
YANOVSKIY, Georgiy Viktorovich, kand. med. nauk;
ZANAZDRA, N.S., red.; BOYKO, V.P., tekhn. red.

[Clinical phonocardiography] Klinicheskaja fonokardiogra-
fija. Kiev, Gosmedizdat USSR, 1963. 134 p.
(MIRA 17:3)

SLEDZEVSKAYA, I.K., kand.med.nauk; YANOVSKIY, G.V., kand.med.nauk (Kiyev)

Systolic phases of the heart in rheumatic carditis. Vrach.
(MIRA 16:9)
delo no.8:3-7 Ag'63.

1. Ukrainskiy nauchno-issledovatel'skiy institut klinicheskoy
meditsiny imeni akademika N.D.Strazhesko.
(RHEUMATIC HEART DISEASE) (HEART BEAT)

P/045/60/019/003/008/010
B022/B070

AUTHOR: Sledzic, J.

TITLE: Some Remarks on the Collective Description of Electron Interactions. The Partition Function

PERIODICAL: Acta Physica Polonica, 1960, Vol. 19, No. 3, pp. 383 - 403

TEXT: In section 1 of the paper, the author refers to a former paper (Ref. 7) where he has formulated a renormalizing method leading to the elimination of divergences from collective descriptions, and to that of Bohm and Pines (Ref. 1). In section 2, a new renormalization procedure is formulated. The variant of the collective description proposed by the author is nearly Hermitian and approximates Bohm - Pines' theory to any desired degree of exactness. Equivalence with the many-electron Schrödinger equation is direct. In section 3, an exact statistical function is derived. In connection with the computation it was found that the Bohm - Pines subsidiary conditions, improved by introducing a certain renormalizing term, yield the exact partition function, whereas Kanazawa's supplementary conditions (Ref. 4) lead to false results provided the

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Some Remarks on the Collective Description of Electron Interactions. The Partition Function P/045/60/019/003/008/010
B022/B070

renormalization procedure proposed by the author in the earlier paper is applied to their theory. It is found that the normalizing parameter is defined in accordance with equation (3.30), the formulation of Bohm and Pines (Ref. 1) is valid for sufficiently low temperatures, whereas the approach of Kazanawa extends into a temperature range wherein heat phenomena (electron collision) play an important part; however, under the latter circumstances the formalism of the theory becomes non-linear. There are 7 non-Soviet references: 3 US, 1 Japanese, and 1 Polish.

ASSOCIATION: Institute of Physics of the Polish Academy of Sciences,
Department of Ferromagnetics, Poznań

VB

Card 2/2

SLEDZIESKI, Eugeniusz, inz.

Technology of maing structures of 18G2A steel. Przegl spaw
l6 no. 1:4-6 Ja '64.

1. Huta Zabrze, Zabrze.

SLEZIŃSKI, Roman; ZAPOLSKA, Anna

Nuclear quadrupole resonance. Postepy fizyki 15 no. 2:
213-231 '64.

1. Institute of Physics, Jagiellonian University, Krakow.

MOSZEW, J.; SULKO, St.; SLEDZIEWSKA, E.

On a variant of the synthesis of quinolino-quinoline compounds. Bul
chim PAN 9 no.4:219-223 '61.

1. Katedra Chemii Organicznej, Uniwersytet Jagiellonski, Krakow 1
Pracownia Nr. 6 Zaklad Syntezy Organicznej, PAN. Presented by T.
Urbanski.

(Quinolinium compounds) (Quinoline)

MOSZEW, J.; SULKO, St.; SLEDZIEWSKA, E.

Influence of some substituents in the position 2,4 and 6 of the quinoline ring upon the absorption capacity in the ultraviolet. Bul chim PAN 9 no.4:231-236 '61.

1. Katedra Chemii Organicznej, Uniwersytet Jagiellonski, Krakow i Pracownia Nr. 6. Zaklad Syntezy Organicznej, PAN. Presented by T. Urbanski.

(Ultraviolet) (Quinoline)

MOSZEW, J.; SIEDZIĘWSKA, E.

Absorption capacity of compounds of the 1,2-benzo-3,9-diazaanthracene group in the ultraviolet. Bul chim PAN 12 no.8:507-510 '64.

1. Department of Organic Chemistry of Jagiellonian University, Krakow. Submitted April 8, 1964.

P.T.A

Mechanical & Electrical Engineering
6

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624.014.25

Giedlewski E., Eng. Examples of Welded Structures.
"Przykłady konstrukcji spawanych". Przegląd Budowlany, No 12,
1949, pp 504-512, 27 figs., 2 tabs.

Welding affords big savings in material, labour and time of execution. It is necessary to decide on measures which will make it possible to ascertain, as early as at the time of designing, the deviation from the formula. The author gives a description and technical data of a few large welded structures. In conclusion, the author underlines the necessity of the introduction, in bigger design offices, of statistical cards of the buildings erected. The article gives the principles of control as regards the economy of constructions proposed and the fixing of calculating data for evaluation of costs and time of execution.

Mech.-Elec. Engineering

P.T.A.

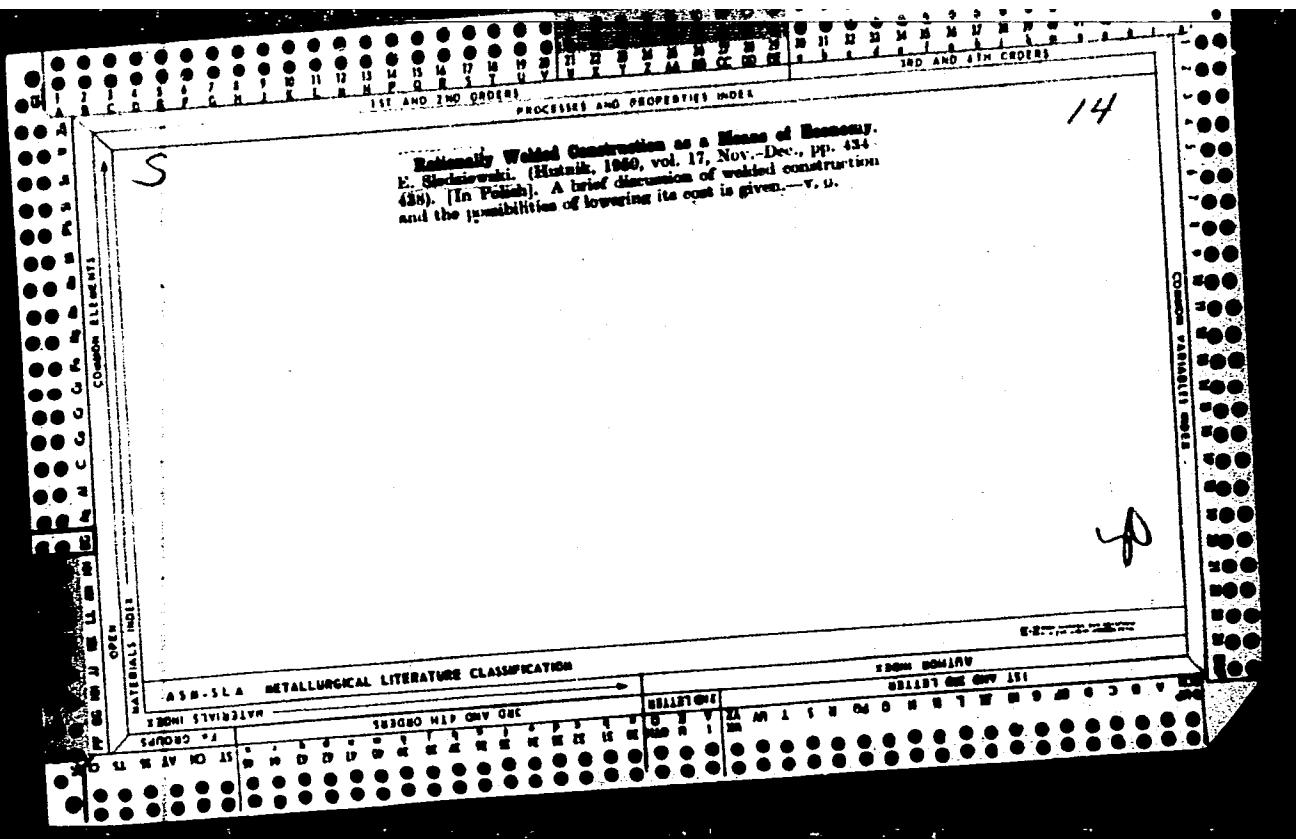
531

621.791.052 : 634.013

Aledziewski E. **Problem of the Choice of Proper Weld Size in the Design of Welded Structures.**

„Zagadnienie doboru właściwej grubości spoin przy projektowaniu konstrukcji żelaznych”, Przegląd Spawalnictwa, No. 11 - 12, 1950, pp. 227 - 229, 2 tabs

Since the costs of and difficulties in maintaining the exact dimensions of welded structures increase in proportion to the square of the thickness of the weld, the designer is responsible for very accurate calculations of the size of the welds. Some statistical data are given concerning the weight of welds in relation to the weight of the different kinds of structures (beams and columns).



SLEDZIEWSKI

3764

Sledziewski E., Pilarczyk J. Fatigue Strength of Welded Joints
"Wytrzymalosc zmeczenlowa polaczen spawanych". Przeglad Sp-
wielictwn. No. 12, 1954, pp. 265-275, 18 figs., 4 tabs.

331.791.050 : 620.178.3

With a view to practical utilization, the article presents the most
important results of experimental research on fatigue strength of wel-
ded structures. On the basis of technical literature from abroad and
experimental results obtained by the Welding Institute in Gliwice
directions are given for the engineering design of welded structures
with reference to material and construction requirements and operating
recommendations; errors to avoid are pointed out.

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SLEDZIEWSKI, E.

Electric welding in the service of heavy industry. p. 133

Damage of a sliding rail in an over-head gantry crane. p. 147 PRZEGLAD
SPAŁALNICTWA (Stowarzyszenie Inżynierów i Techników Mechaników Polskich
Instytut Spawalnictwa) Warszawa. Vol. 7, no. 6, June 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 4, no. 12, December 1955

SLEDZIENSKI, E.

Electric welding with the use of slag. p. 149

Damage of a sliding rail in an over-head gantry crane. p. 147 PRZEGLAD
SPAVALNICTWA (Stowarzyszenie Inżynierów i Techników Mechaników Polskich
Instytut Spawalnictwa) Warszawa. Vol. 7, no. 6, June 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 4, no. 12, December 1955

SLEDZIEWSKI, E.

Influence of the design of a welded construction on handling
in a workshop. p. 202. PRZEGIAD SPAWALNICTWA, Warszawa.
Vol. 7, no. 9, Sept. 1955.

SOURCE:

East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

SLEDZIENSKI, E.

Rectifier for steel sheets. p. 228

PRZEGLAD SPAWALNICTWA vol. 7, no. 10, Oct. 1955

Poland

so. EAST EUROPEAN ACCESSIONS LIST Vol. 5, no. 10 Oct. 1956

Latin American
Banning of an overland girder. p. 31

ARMED FORCES VOL. 7, NO. 10, Oct. 1956

reland

SO. THE LAT. AMER. ASSIST. LIST VOL. 5, NO. 10 Oct. 1956

SLEDZIENSKI, E.

Welded loading platforms.

p. 189 (Przeglad Spawalnictwa. Vol. 8, no. 6, Aug. 1956. Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

SLEDZIEWSKI, E.

A test of safe stresses in welds by photoelasticity. p. 47

PROBLEMY PROJEKTOWE HUTNICTWA. (Biuro Projektow Przemyslu Hutniczego, Biuro Projektow Przemyslu Stalowego i Biuro Projektow Przemyslu Metalowego,) Czestochowa, Poland, vol. 7, no. 2, Feb. 1959

Monthly list of East European Accession (EEAI) LC. VOL. 9, No. 1, Jan 1960

Uncl.

OLEZIELSKI, E.

Construction of shafts for an openhearth furnace. p. 117.

PRZEGLAD SPALANIA. (Stowarzyszenie Inżynierów i Techników Mechaników Polskich i Instytut Spalania) Warszawa, Poland. Vol. 11, no. 4, Apr. 1959.

Monthly List of East European Acquisitions (EEAI), LC, Vol. 3, no. 3, Aug. 1959.

Uncl.

SLEDZIEWSKI, Eugeniusz, inz. (Zabrze)

Some fractures in welded constructions. Przegl spaw 14 no.2:51-52
'62.

SLEDZIEWSKI, Eugeniusz, inz.

Brittle cracking of sheet iron. Przegl spaw 14 no.6:165 Ja
'62.

SLEDZIEWSKI, Eugeniusz, inz. (Zabrze)

Welded constructions must be designed in conformity with the requirements of technology. (To be contd.). Przegl spaw 14 no.7:188-190 J1 '62.

SLEDZIEWSKI, Eugeniusz, inz. (Zabrze)

Technology of welded constructions. Przegl spaw 14 no.10:
279-281 0 '62.

SLEDZIEWSKI, Eugeniusz, inz. (Zabrze)

Technological features of brazed structures. (To be contd.)
Przeg spaw 14 no.8:219-220 Ag '62.

SLEDZIEWSKI, Eugeniusz, inz. (Zabrze)

Technology of welded constructions. Przegl spaw 15 no.1:
23-24 Ja '63.

SLEDZIEWSKI, Eugeniusz, inz.

State of, and prospects for the development of the steel construction
industry. Przegl spaw 15 no.2:38-41 F '63.

1. Huta Zabrze, Zabrze.

SLEDZIEWSKI, Eugeniusz (Zabrze)

Technological character of welded constructions. Przegl spaw
14 no.9:235-237 S '62.

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Producibility of welded constructions. Przegl spaw 14 no.11:304-305
N '62.

SLEDZIEWSKI, Eugeniusz, inż. (Zabrze)

Technology of welded constructions. Przegl spaw 14 no.12:328-329
D '62.